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(21) International Application Number: <b>PCT/US98/12139</b> (22) International Filing Date: 11 June 1998 (11.06.98) (30) Priority Data: 60/053,000                      13 June 1997 (13.06.97)                      US (71) Applicant (for all designated States except US): UNIVERSITY OF NEBRASKA BOARD OF REGENTS [US/US]; Regents Hall, 3835 Holdrege Street, Lincoln, NE 68598 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): KABANOV, Alexander, V. [RU/US]; 1304 South 126th Street, Omaha, NE 68144 (US). EISENBERG, Adi [US/US]; No. 15J, 6100 Deacon Road, Montreal, Quebec H3S 2V6 (CA). KABANOV, Victor, A. [RU/RU]; Apartment 18, Lomonosovsky Prospect, 14, Moscow 117296 (RU). (74) Agents: HAGAN, Patrick, J. et al.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103-2307 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: COMPOSITIONS FOR DELIVERY OF BIOLOGICAL AGENTS AND METHODS FOR THE PREPARATION THEREOF			
(57) Abstract			
<p>A composition for facilitating delivery of biological agents, comprising a supramolecular complex including as constituents a block copolymer, having at least one nonionic, water soluble segment and at least one polyionic segment, and at least one charged surfactant having hydrophobic groups, the charge of the surfactant being opposite to that of the polyionic segment of the block copolymer. The constituents of the complex are bound by interaction between the opposite charges thereof and between surfactant hydrophobic groups. The complex may include an anionic surfactant having a biological activity, in which case the net charge of such anionic surfactant is no more than about 10.</p>			